ice and the U. S. Forest Service. One of the primary objects of the expedition, which will leave for the Sadlier Lake area on August 9 and return about August 17, will be to obtain photographs and other material needed to construct an exhibit on "The Value of Wilderness" which will be shown at the Academy and at other museums.

Eclipse Expedition Departs Soon

The equipment needed to record the eclipse of the sun on October 12 is already on board the U. S. S. *Fort Defiance,* the naval ship which will support the eclipse expedition during the expedition's two-month stay on the Danger Islands. The ship is scheduled to leave San Diego for those South Pacific islands on August 15.

Special equipment from the Academy was taken to San Diego and loaded on the ship early this month by George Bunton, Manager of Morrison Planetarium, and Stuart Inglis, Planetarium lecturer, both of whom will be members of the expedition.

Inglis will travel aboard the ship while Bunton and C. P. Butler, an Academy Research Associate in Astronomy, will fly via Military Air Transport from San Francisco and meet the ship in Samoa between September 10 and 20, and then continue on to the Danger Islands to join the other members.

The expedition will remain on the Danger Islands until about November 1. Bunton, Inglis and Butler expect to be back in California—via the *Fort Defiance* —about November 15.

"Science in Action" Wins More Awards

Although it is off the air for the summer, "Science in Action," the Academy's popular television series, continues to add to the rapidly growing array of awards in the Television Department.

Last month the Ohio State University Institute for Education by Radio-Television awarded the Academy and Station KRON-TV, over which "Science in Action" is seen, a second place Honorable Mention for the series in the category of cultural, drama, art, science and literature programs. The citation read, in part, " 'Science in Action' . . . speaks of nature directly and in unpretentious terms to the family audience . . ."

Later in the month an Award of Merit was presented to Thomas C. Mullahey, KRON's director of public affairs, for "Science in Action" by the Hayward Branch of the American Association of University Women.

New Members

New members who joined the Academy last month are:

Regular Membership
Mr. John M. Alvarez, Jr.
Miss Audrey W. Endress
Mr. Walter A. Haluk
Miss Wilma Holden
Miss Margaret Jesseph
Mrs. Walter R. McCann
Mr. Lloyd F. Nelson
Miss T. Jane Roach
Mr. J. H. Schinneller
Rev. Richard D. Spohn, S. J.
Miss Thelma M. Steadman
Mr. William T. Tilton
Mr. Alexander von Hugo

Family Membership
Mrs. W. J. Eisenlord
Mr. and Mrs. H. A. MacQuarrie
Mr. John L. Merrill
Dr. Donald H. Minkler
Captain E. L. Patch
Miss Ann Sims

Contributing Membership
Mrs. Edwin L. Bruck

Student Membership
Phillip Batson
Tom Clark
Albert L. Connelly
Matt Evers
Robert Fife
Allan Hart
Garry A. Neil
Joan Owsiewski
Nancy Owsiewski
Glenn Stang
Mary Lynne Terheyden

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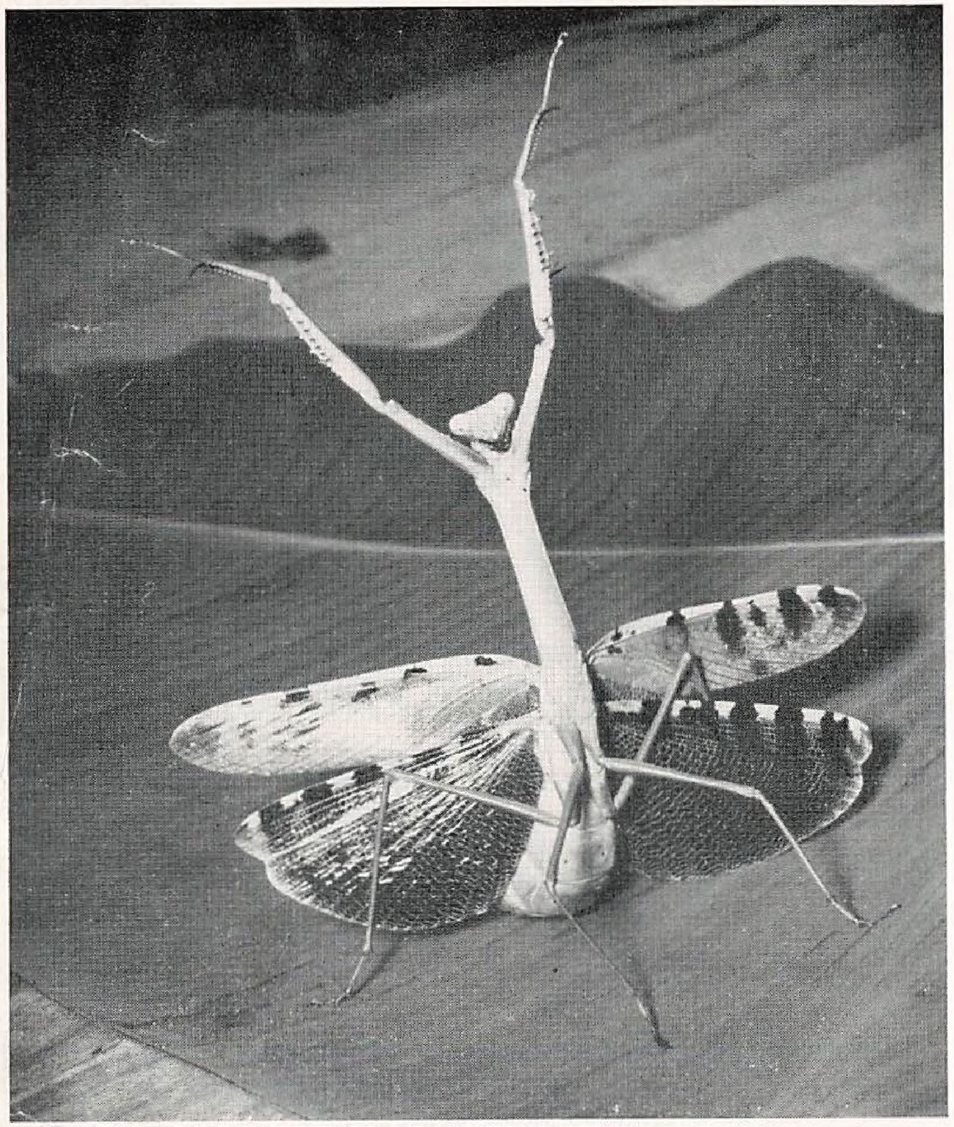

African Mantid Surrenders to Ross' Lens
—Photo by Dr. E. S. Ross

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August Announcement

THE REGULAR AUGUST MEETING of the California Academy of Sciences will be held at 8:15 P. M., Wednesday, August 13, in the May Treat Morrison Auditorium. Don Greame Kelley, Editor of *Pacific Discovery,* the Academy's bimonthly magazine, will present:

"TRACKING SCIENTISTS IN THE SOUTHWEST PACIFIC"

Editor Kelley covered some 42,000 miles in the Southwest Pacific from October 1957 to May 1958 on an extensive research tour made possible by a Guggenheim Fellowship plus additional funds provided by friends of the Academy.

The purpose of the trek was to obtain material concerning science and the activities of scientists in the Pacific area, material which will be published in *PD* in subsequent issues.

After attending the Ninth Pacific Science Congress in Bangkok, Kelley continued on his search for science in the Pacific by way of Singapore, Indonesia, the Philippines, New Guinea, Australia, New Zealand and Hawaii, among other stops. During his travels, Kelley was constantly snapping pictures and these pictures, in the form of Kodachrome slides, will make up his lecture for Academy members.

The pictorial scientific tour Kelley will present will be mostly concerned with his travels through Malaya, the Philippines (including an account of an exciting excursion into almost inaccessible northern Luzon), with special emphasis on Australia and New Zealand, where he tracked down and interviewed scientist members of the Commonwealth Scientific and Industrial Research Organization. During his extensive travels in these two countries, Kelley took scores of scenic and scientific slides. These slides will compose the bulk of his lecture which Academy members and their friends are cordially invited to attend.

SEPTEMBER MEETING TO FEATURE DESERTS

THE MAGNIFICENT DESERTS of the Southwestern United States will be the feature of the September Academy meeting when P. W. Tompkins, member and loyal friend of the Academy, presents a lecture and color slides covering his latest trip to that area. The meeting will be held at 8:15 P. M., Wednesday, September 10, in May Treat Morrison Auditorium.

The annual meeting of the Academy will be held at 8:15 P. M., Wednesday, October 1, in the auditorium. The lecture topic and other plans for the meeting will be announced in the September NEWS LETTER. Academy members are urged to attend both of these meetings.

ROSS EXPEDITION BACK FROM AFRICA

AFTER A FULL YEAR in Africa, Dr. Edward S. Ross, Curator of the Academy's Entomology Department, returned to the Academy in mid-July, a veteran of some 26,000 African miles.

Dr. Ross, accompanied by Mrs. Ross and Robin Leech, son of Hugh Leech, Associate Curator of Entomology, left San Francisco in June 1957 on an expedition co-sponsored by the Academy, the National Geographic Society, and friends of the Academy through the San Francisco Foundation.

The expedition had several purposes: to make a survey of the African representatives of the order Embioptera; to concentrate on nature photography, and to add to the general collections of African insects needed for research. A glance at the amount of material brought back by the expedition shows the purposes were certainly fulfilled.

Besides bats, reptiles and amphibians, fish, and land shells, the expedition collected about 250,000 African insects. More than 5,000 still photographs were taken and 10,000 feet of motion picture film were exposed. They are mostly of insects but also of other African fauna and flora. In addition, Dr. Ross said they collected much material for his monograph on the African Embioptera.

The collection of insects brought back, Dr. Ross said, is the largest collection of African insects to be found anywhere in the United States. Now, he added, the real work begins and it will not end during the present century. It will be many years before all the insects can be studied.

The expedition worked from the mouth of the Congo River across Africa just south of the equator. The members climbed the Ruwenzori Mountains, collected on Mount Kilimanjaro and Mount Kenya and camped in the Mau Mau territory. After some months of field work in East Africa, they worked southward collecting in as many life zones as possible.

The members collected in Rhodesia, Mozambique, the Transvaal, Natal and in the Union of South Africa. When they reached Capetown they worked northward to the deserts of Southwest Africa and on into Angola to Luanda, just south of the mouth of the Congo.

EXHIBIT SHOWS INDIANS AS ARTISTS

PHOTOGRAPHS OF PAINTINGS done by the Tule-Kaweah tribe of California Indians on the rock formations at Rocky Hill—near Exeter in Tulare County—make up an exhibit now on view in Lovell White Hall of Man and Nature.

The symbols painted at Rocky Hill were drawn from natural forms and are representative enough to be recognized as man, plants and animals. The photographs in the exhibit, most of them the work of Pirkle Jones, and a few drawings taken from the paintings, were made on an expedition organized by the California School of Fine Arts in cooperation with the California Archeological Survey of the University of California.

The exhibit, scheduled to remain on view throughout August, is coordinated with a pictorial article in the current issue of *Pacific Discovery* authored by Jay C. von Werlhof, a faculty member at the California School of Fine Arts.

ACADEMY STAFF MEMBERS TO JOIN SIERRA SURVEY

THREE ACADEMY STAFF members, Dr. Robert T. Orr, Curator of Birds and Mammals, Cecil Tose, Curator of Exhibits, and John Thomas Howell, Curator of Botany, will join several members of the Sierra Club including Oliver Kehrlein, Ivan Tarnowsky and James McBride, to make an ecological reconnaissance of a little-known, seldom-visited area of the High Sierra in the vicinity of Sadlier Lake.

The survey is being made in cooperation with the U. S. National Park Serv-